```
* * * * * * * * * * * * * * * * STN  Columbus  * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 09:46:19 ON 19 MAR 2009

=> fil .bec
COST IN U.S. DOLLARS                                    SINCE FILE      TOTAL
                                                           ENTRY    SESSION
FULL ESTIMATED COST                                         0.22       0.22

FILES 'MEDLINE, SCISEARCH, LIFESCI, BIOTECHDS, BIOSIS, EMBASE, HCAPLUS, NTIS,
       ESBIOBASE, BIOTECHNO, WPIDS' ENTERED AT 09:46:54 ON 19 MAR 2009
ALL COPYRIGHTS AND RESTRICTIONS APPLY.  SEE HELP USAGETERMS FOR DETAILS.

11 FILES IN THE FILE LIST

=> s casein kinase#
FILE 'MEDLINE'
         18416 CASEIN
        326696 KINASE#
L1        3901 CASEIN KINASE#
                 (CASEIN(W)KINASE#)

FILE 'SCISEARCH'
         21969 CASEIN
        368138 KINASE#
L2        4307 CASEIN KINASE#
                 (CASEIN(W)KINASE#)

FILE 'LIFESCI'
          6527 "CASEIN"
        112058 KINASE#
L3        1679 CASEIN KINASE#
                 ("CASEIN"(W)KINASE#)

FILE 'BIOTECHDS'
          3186 CASEIN
         12789 KINASE#
L4         153 CASEIN KINASE#
                 (CASEIN(W)KINASE#)

FILE 'BIOSIS'
         37806 CASEIN
        384402 KINASE#
L5        4104 CASEIN KINASE#
                 (CASEIN(W)KINASE#)

FILE 'EMBASE'
         15809 "CASEIN"
        305437 KINASE#
L6        3606 CASEIN KINASE#
                 ("CASEIN"(W)KINASE#)

FILE 'HCAPLUS'
         65087 CASEIN
        355435 KINASE#
L7        4379 CASEIN KINASE#
                 (CASEIN(W)KINASE#)

FILE 'NTIS'
           249 CASEIN
          2170 KINASE#
L8           8 CASEIN KINASE#
```

```
                (CASEIN(W)KINASE#)

FILE 'ESBIOBASE'
          7416 CASEIN
        168759 KINASE#
L9        1841 CASEIN KINASE#
                (CASEIN(W)KINASE#)

FILE 'BIOTECHNO'
          5488 CASEIN
         92256 KINASE#
L10       1856 CASEIN KINASE#
                (CASEIN(W)KINASE#)

FILE 'WPIDS'
         11469 CASEIN
         20728 KINASE#
L11        245 CASEIN KINASE#
                (CASEIN(W)KINASE#)

TOTAL FOR ALL FILES
L12      26079 CASEIN KINASE#

=> s l12(10a)(sleep or circadian)
FILE 'MEDLINE'
         90773 SLEEP
         57263 CIRCADIAN
L13         39 L1 (10A)(SLEEP OR CIRCADIAN)

FILE 'SCISEARCH'
         72171 SLEEP
         33051 CIRCADIAN
L14         37 L2 (10A)(SLEEP OR CIRCADIAN)

FILE 'LIFESCI'
          9020 SLEEP
          9949 CIRCADIAN
L15         25 L3 (10A)(SLEEP OR CIRCADIAN)

FILE 'BIOTECHDS'
           404 SLEEP
           183 CIRCADIAN
L16          4 L4 (10A)(SLEEP OR CIRCADIAN)

FILE 'BIOSIS'
         78265 SLEEP
         42133 CIRCADIAN
L17         49 L5 (10A)(SLEEP OR CIRCADIAN)

FILE 'EMBASE'
         83072 SLEEP
         40209 CIRCADIAN
L18         30 L6 (10A)(SLEEP OR CIRCADIAN)

FILE 'HCAPLUS'
         25729 SLEEP
         25019 CIRCADIAN
L19         92 L7 (10A)(SLEEP OR CIRCADIAN)

FILE 'NTIS'
          2266 SLEEP
           944 CIRCADIAN
```

```
L20          0 L8 (10A)(SLEEP OR CIRCADIAN)

FILE 'ESBIOBASE'
         16505 SLEEP
         11821 CIRCADIAN
L21         30 L9 (10A)(SLEEP OR CIRCADIAN)

FILE 'BIOTECHNO'
          1338 SLEEP
          3773 CIRCADIAN
L22          7 L10(10A)(SLEEP OR CIRCADIAN)

FILE 'WPIDS'
         19878 SLEEP
          1107 CIRCADIAN
L23          7 L11(10A)(SLEEP OR CIRCADIAN)

TOTAL FOR ALL FILES
L24        320 L12(10A)(SLEEP OR CIRCADIAN)

=> s l12(10a)(muta? or variant# or allel? or polymorph?)
FILE 'MEDLINE'
        629011 MUTA?
        142521 VARIANT#
        141392 ALLEL?
        203056 POLYMORPH?
L25        125 L1 (10A)(MUTA? OR VARIANT# OR ALLEL? OR POLYMORPH?)

FILE 'SCISEARCH'
        622411 MUTA?
        164974 VARIANT#
        137604 ALLEL?
        245265 POLYMORPH?
L26        130 L2 (10A)(MUTA? OR VARIANT# OR ALLEL? OR POLYMORPH?)

FILE 'LIFESCI'
        295553 MUTA?
         53786 VARIANT#
         71212 ALLEL?
         91058 POLYMORPH?
L27        110 L3 (10A)(MUTA? OR VARIANT# OR ALLEL? OR POLYMORPH?)

FILE 'BIOTECHDS'
         53280 MUTA?
         19182 VARIANT#
         10045 ALLEL?
         12129 POLYMORPH?
L28         10 L4 (10A)(MUTA? OR VARIANT# OR ALLEL? OR POLYMORPH?)

FILE 'BIOSIS'
        695432 MUTA?
        150130 VARIANT#
        167383 ALLEL?
        250926 POLYMORPH?
L29        150 L5 (10A)(MUTA? OR VARIANT# OR ALLEL? OR POLYMORPH?)

FILE 'EMBASE'
        534341 MUTA?
        124828 VARIANT#
        115689 ALLEL?
        177538 POLYMORPH?
L30        113 L6 (10A)(MUTA? OR VARIANT# OR ALLEL? OR POLYMORPH?)
```

```
FILE 'HCAPLUS'
        643189 MUTA?
        143191 VARIANT#
        140700 ALLEL?
        252020 POLYMORPH?
L31        205 L7 (10A)(MUTA? OR VARIANT# OR ALLEL? OR POLYMORPH?)

FILE 'NTIS'
         10967 MUTA?
          5089 VARIANT#
           755 ALLEL?
          1828 POLYMORPH?
L32          1 L8 (10A)(MUTA? OR VARIANT# OR ALLEL? OR POLYMORPH?)

FILE 'ESBIOBASE'
        342632 MUTA?
         65826 VARIANT#
         80180 ALLEL?
         97493 POLYMORPH?
L33        127 L9 (10A)(MUTA? OR VARIANT# OR ALLEL? OR POLYMORPH?)

FILE 'BIOTECHNO'
        242571 MUTA?
         41198 VARIANT#
         55235 ALLEL?
         71286 POLYMORPH?
L34        104 L10(10A)(MUTA? OR VARIANT# OR ALLEL? OR POLYMORPH?)

FILE 'WPIDS'
         41009 MUTA?
         37468 VARIANT#
         10319 ALLEL?
         13357 POLYMORPH?
L35          7 L11(10A)(MUTA? OR VARIANT# OR ALLEL? OR POLYMORPH?)

TOTAL FOR ALL FILES
L36       1082 L12(10A)(MUTA? OR VARIANT# OR ALLEL? OR POLYMORPH?)

=> s l36 and delta
FILE 'MEDLINE'
         89839 DELTA
L37          9 L25 AND DELTA

FILE 'SCISEARCH'
        275259 DELTA
L38         14 L26 AND DELTA

FILE 'LIFESCI'
         51965 DELTA
L39         14 L27 AND DELTA

FILE 'BIOTECHDS'
          4908 DELTA
L40          2 L28 AND DELTA

FILE 'BIOSIS'
        134933 DELTA
L41         20 L29 AND DELTA

FILE 'EMBASE'
        115626 DELTA
```

```
L42         16 L30 AND DELTA

FILE 'HCAPLUS'
        522162 DELTA
L43         38 L31 AND DELTA

FILE 'NTIS'
         16229 DELTA
L44          0 L32 AND DELTA

FILE 'ESBIOBASE'
         71654 DELTA
L45         15 L33 AND DELTA

FILE 'BIOTECHNO'
         31359 DELTA
L46          8 L34 AND DELTA

FILE 'WPIDS'
         39289 DELTA
L47          0 L35 AND DELTA

TOTAL FOR ALL FILES
L48        136 L36 AND DELTA

=> s csnk1d
FILE 'MEDLINE'
L49          5 CSNK1D

FILE 'SCISEARCH'
L50          5 CSNK1D

FILE 'LIFESCI'
L51          2 CSNK1D

FILE 'BIOTECHDS'
L52          6 CSNK1D

FILE 'BIOSIS'
L53          6 CSNK1D

FILE 'EMBASE'
L54          4 CSNK1D

FILE 'HCAPLUS'
L55         34 CSNK1D

FILE 'NTIS'
L56          0 CSNK1D

FILE 'ESBIOBASE'
L57          2 CSNK1D

FILE 'BIOTECHNO'
L58          1 CSNK1D

FILE 'WPIDS'
L59          6 CSNK1D

TOTAL FOR ALL FILES
L60         71 CSNK1D
```

```
=> s l60(10a)(muta? or variant# or allel? or polymorph?)
FILE 'MEDLINE'
        629011 MUTA?
        142521 VARIANT#
        141392 ALLEL?
        203056 POLYMORPH?
L61          1 L49(10A)(MUTA? OR VARIANT# OR ALLEL? OR POLYMORPH?)

FILE 'SCISEARCH'
        622411 MUTA?
        164974 VARIANT#
        137604 ALLEL?
        245265 POLYMORPH?
L62          1 L50(10A)(MUTA? OR VARIANT# OR ALLEL? OR POLYMORPH?)

FILE 'LIFESCI'
        295553 MUTA?
         53786 VARIANT#
         71212 ALLEL?
         91058 POLYMORPH?
L63          0 L51(10A)(MUTA? OR VARIANT# OR ALLEL? OR POLYMORPH?)

FILE 'BIOTECHDS'
         53280 MUTA?
         19182 VARIANT#
         10045 ALLEL?
         12129 POLYMORPH?
L64          0 L52(10A)(MUTA? OR VARIANT# OR ALLEL? OR POLYMORPH?)

FILE 'BIOSIS'
        695432 MUTA?
        150130 VARIANT#
        167383 ALLEL?
        250926 POLYMORPH?
L65          2 L53(10A)(MUTA? OR VARIANT# OR ALLEL? OR POLYMORPH?)

FILE 'EMBASE'
        534341 MUTA?
        124828 VARIANT#
        115689 ALLEL?
        177538 POLYMORPH?
L66          0 L54(10A)(MUTA? OR VARIANT# OR ALLEL? OR POLYMORPH?)

FILE 'HCAPLUS'
        643189 MUTA?
        143191 VARIANT#
        140700 ALLEL?
        252020 POLYMORPH?
L67          1 L55(10A)(MUTA? OR VARIANT# OR ALLEL? OR POLYMORPH?)

FILE 'NTIS'
         10967 MUTA?
          5089 VARIANT#
           755 ALLEL?
          1828 POLYMORPH?
L68          0 L56(10A)(MUTA? OR VARIANT# OR ALLEL? OR POLYMORPH?)

FILE 'ESBIOBASE'
        342632 MUTA?
         65826 VARIANT#
         80180 ALLEL?
         97493 POLYMORPH?
```

```
L69          0 L57(10A)(MUTA? OR VARIANT# OR ALLEL? OR POLYMORPH?)

FILE 'BIOTECHNO'
        242571 MUTA?
         41198 VARIANT#
         55235 ALLEL?
         71286 POLYMORPH?
L70          0 L58(10A)(MUTA? OR VARIANT# OR ALLEL? OR POLYMORPH?)

FILE 'WPIDS'
         41009 MUTA?
         37468 VARIANT#
         10319 ALLEL?
         13357 POLYMORPH?
L71          0 L59(10A)(MUTA? OR VARIANT# OR ALLEL? OR POLYMORPH?)

TOTAL FOR ALL FILES
L72          5 L60(10A)(MUTA? OR VARIANT# OR ALLEL? OR POLYMORPH?)

=> s (l48 or l24) not 2004-2009/py
FILE 'MEDLINE'
       3469778 2004-2009/PY
L73         21 (L37 OR L13) NOT 2004-2009/PY

FILE 'SCISEARCH'
       6503294 2004-2009/PY
                 (20040000-20099999/PY)
L74         19 (L38 OR L14) NOT 2004-2009/PY

FILE 'LIFESCI'
        921597 2004-2009/PY
L75         19 (L39 OR L15) NOT 2004-2009/PY

FILE 'BIOTECHDS'
        123118 2004-2009/PY
L76          1 (L40 OR L16) NOT 2004-2009/PY

FILE 'BIOSIS'
       3054103 2004-2009/PY
L77         28 (L41 OR L17) NOT 2004-2009/PY

FILE 'EMBASE'
       2976973 2004-2009/PY
L78         22 (L42 OR L18) NOT 2004-2009/PY

FILE 'HCAPLUS'
       7004143 2004-2009/PY
L79         45 (L43 OR L19) NOT 2004-2009/PY

FILE 'NTIS'
         87071 2004-2009/PY
L80          0 (L44 OR L20) NOT 2004-2009/PY

FILE 'ESBIOBASE'
       1758152 2004-2009/PY
L81         17 (L45 OR L21) NOT 2004-2009/PY

FILE 'BIOTECHNO'
           586 2004-2009/PY
L82         15 (L46 OR L22) NOT 2004-2009/PY

FILE 'WPIDS'
```

```
       6037524 2004-2009/PY
L83          0 (L47 OR L23) NOT 2004-2009/PY

TOTAL FOR ALL FILES
L84        187 (L48 OR L24) NOT 2004-2009/PY

=> dup rem l84
PROCESSING COMPLETED FOR L84
L85          75 DUP REM L84 (112 DUPLICATES REMOVED)

=> d tot

L85  ANSWER 1 OF 75  HCAPLUS  COPYRIGHT 2009 ACS on STN
TI   Casein kinase i epsilon regulates transcription and period 2 stability
     within the mammalian circadian clock
SO   (2003) 105 pp.  Avail.: UMI, Order No. DA3106752
     From: Diss. Abstr. Int., B 2004, 64(9), 4197
AU   Eide, Erik John
AN   2004:622678  HCAPLUS
DN   142:88347

L85  ANSWER 2 OF 75  BIOSIS  COPYRIGHT (c) 2009 The Thomson Corporation  on STN
TI   Screening methods for altering circadian rhythms and for human
     casein kinase I delta and/or epsilon phosphorylation of
     human clock proteins, period 1, -2 and -3.
SO   Official Gazette of the United States Patent and Trademark Office Patents,
     (Apr 29 2003) Vol. 1269, No. 5.
     http://www.uspto.gov/web/menu/patdata.html. e-file.
     ISSN: 0098-1133 (ISSN print).
AU   Keesler, George A. [Inventor, Reprint Author]; Mondadori, Cesare
     [Inventor]; Yao, Zhengbin [Inventor]; Camacho, Fernando [Inventor]
AN   2003:248650  BIOSIS

L85  ANSWER 3 OF 75     MEDLINE on STN                  DUPLICATE 1
TI   Phosphorylation of FREQUENCY protein by casein kinase
     II is necessary for the function of the Neurospora circadian
     clock.
SO   Molecular and cellular biology, (2003 Sep) Vol. 23, No. 17, pp. 6221-8.
     Journal code: 8109087. ISSN: 0270-7306.
     Report No.: NLM-PMC180927.
AU   Yang Yuhong; Cheng Ping; He Qiyang; Wang Lixin; Liu Yi
AN   2003381810     MEDLINE

L85    ANSWER 4 OF 75 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V. on
       STN
AN     2003209065   ESBIOBASE
TI     Phosphorylation of FREQUENCY protein by casein kinase
       II is necessary for the function of the Neurospora circadian
       clock
AU     Yang, Yuhong; Cheng, Ping; He, Qiyang; Wang, Lixin; Liu, Yi
CS     Yang, Yuhong; Cheng, Ping; He, Qiyang; Wang, Lixin; Liu, Yi (Department
       of Physiology, Univ. of Texas SW. Medical Center, Dallas, TX 75390-9040
       (US))
       EMAIL: yi.liu@utsouthwestern.edu
SO     Molecular and Cellular Biology (Sep 2003) Volume 23, Number 17, pp.
       6221-6228, 53 refs.
       CODEN: MCEBD4  ISSN: 0270-7306
       DOI: 10.1128/MCB.23.17.6221-6228.2003
CY     United States of America
DT     Journal; Article
LA     English
SL     English
```

ED Entered STN: 2 Feb 2009
Last updated on STN: 2 Feb 2009

L85 ANSWER 5 OF 75 HCAPLUS COPYRIGHT 2009 ACS on STN
TI Isolation of suppressor mutants of phosphatidylinositol 3-phosphate 5-kinase deficient cells in Schizosaccharomyces pombe
SO Bioscience, Biotechnology, and Biochemistry (2003), 67(8), 1772-1779
CODEN: BBBIEJ; ISSN: 0916-8451
AU Onishi, Masayuki; Nakamura, Yoko; Koga, Takako; Takegawa, Kaoru; Fukui, Yasuhisa
AN 2003:721504 HCAPLUS
DN 139:375942

L85 ANSWER 6 OF 75 BIOSIS COPYRIGHT (c) 2009 The Thomson Corporation on STN
TI Comparative analysis of avian BMAL1 and CLOCK protein sequences: A search for features associated with owl nocturnal behaviour.
SO Comparative Biochemistry and Physiology Part B Biochemistry & Molecular Biology, (December 2003) Vol. 136B, No. 4, pp. 861-874. print.
ISSN: 1096-4959 (ISSN print).
AU Fidler, Andrew E. [Reprint Author]; Gwinner, Eberhard
AN 2004:98668 BIOSIS

L85 ANSWER 7 OF 75 HCAPLUS COPYRIGHT 2009 ACS on STN
TI Circadian rhythm and sleep disorders
SO Igaku no Ayumi (2003), 204(11), 799-802
CODEN: IGAYAY; ISSN: 0039-2359
AU Ebisawa, Takashi
AN 2003:362521 HCAPLUS
DN 139:177551

L85 ANSWER 8 OF 75 MEDLINE on STN DUPLICATE 2
TI CK1 and GSK3 in the Drosophila and mammalian circadian clock.
SO Novartis Foundation symposium, (2003) Vol. 253, pp. 267-77; discussion 102-9, 277-84.
Journal code: 9807767. ISSN: 1528-2511.
AU Harms Emily; Young Michael W; Saez Lino
AN 2004015503 MEDLINE

L85 ANSWER 9 OF 75 MEDLINE on STN DUPLICATE 3
TI A role for CK2 in the Drosophila circadian oscillator.
SO Nature neuroscience, (2003 Mar) Vol. 6, No. 3, pp. 251-7.
Journal code: 9809671. ISSN: 1097-6256.
AU Akten Bikem; Jauch Eike; Genova Ginka K; Kim Eun Young; Edery Isaac; Raabe Thomas; Jackson F Rob
AN 2003089891 MEDLINE

L85 ANSWER 10 OF 75 EMBASE COPYRIGHT (c) 2009 Elsevier B.V. All rights reserved on STN
TI A new role for an old kinase: CK2 and the circadian clock.
SO Nature Neuroscience, (1 Mar 2003) Vol. 6, No. 3, pp. 208-210.
Refs: 13
ISSN: 1097-6256 CODEN: NANEFN
AU Blau, Justin (correspondence)
AN 2003099617 EMBASE

L85 ANSWER 11 OF 75 LIFESCI COPYRIGHT 2009 CSA on STN DUPLICATE 4
TI Mutant casein kinase I (Hrr25p/Kti14p)
abrogates the G1 cell cycle arrest induced by Kluyveromyces lactis zymocin in budding yeast
SO Molecular Genetics and Genomics [Mol. Genet. Genomics], (20030500) vol. 269, no. 2, pp. 188-196.
ISSN: 1617-4615.

AU Mehlgarten, C.; Schaffrath, R.
AN 2003:64326 LIFESCI

L85 ANSWER 12 OF 75 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V. on STN
AN 2003144693 ESBIOBASE
TI Mutant casein kinase I (Hrr25p/Kti14p) abrogates the G1 cell cycle arrest induced by Kluyveromyces lactis zymocin in budding yeast
AU Mehlgarten, C.; Schaffrath, R.
CS Mehlgarten, C.; Schaffrath, R. (Biologicum, Institut fur Genetik, Martin-Luther-Univ. Halle-Wittenberg, Weinbergweg 10, 06120 Halle (Saale) (DE))
EMAIL: schaffrath@genetik.uni-halle.de
SO Molecular Genetics and Genomics (1 May 2003) Volume 269, Number 2, pp. 188-196, 41 refs.
CODEN: MGGOAA ISSN: 1617-4615
CY Germany
DT Journal; Article
LA English
SL English
ED Entered STN: 2 Feb 2009
Last updated on STN: 2 Feb 2009

L85 ANSWER 13 OF 75 BIOSIS COPYRIGHT (c) 2009 The Thomson Corporation on STN
TI Casein kinase i and circadian rhythms: effects of manipulation of ckiepsilon activity on period.
SO Society for Neuroscience Abstract Viewer and Itinerary Planner, (2003) Vol. 2003, pp. Abstract No. 284.3. http://sfn.scholarone.com. e-file. Meeting Info.: 33rd Annual Meeting of the Society of Neuroscience. New Orleans, LA, USA. November 08-12, 2003. Society of Neuroscience.
AU Camacho, F. [Reprint Author]; Hurst, W. J. [Reprint Author]; Vielhaber, E. [Reprint Author]; Harnish, S. [Reprint Author]; Roehr, J. [Reprint Author]; Friedman, E. [Reprint Author]; Menaker, M.; Khorkova, O. [Reprint Author]; Virshup, D.; Giovanni, A. [Reprint Author]
AN 2004:196776 BIOSIS

L85 ANSWER 14 OF 75 BIOTECHDS COPYRIGHT 2009 THOMSON REUTERS on STN
TI Novel hPER2 gene or its mutant form, that participates in the human circadian biological clock, useful as marker for diagnosing familial advanced sleep phase syndrome in human subject; recombinant protein production via plasmid expression in host cell use in disease therapy
AU PTACEK L; FU Y; JONES C; VIRSHUP D
AN 2002-19973 BIOTECHDS
PI WO 2002055667 18 Jul 2002

L85 ANSWER 15 OF 75 MEDLINE on STN DUPLICATE 5
TI The circadian regulatory proteins BMAL1 and cryptochromes are substrates of casein kinase Iepsilon.
SO The Journal of biological chemistry, (2002 May 10) Vol. 277, No. 19, pp. 17248-54. Electronic Publication: 2002-03-01.
Journal code: 2985121R. ISSN: 0021-9258.
Report No.: NLM-NIHMS10820; NLM-PMC1513548.
AU Eide Erik J; Vielhaber Erica L; Hinz William A; Virshup David M
AN 2002253137 MEDLINE

L85 ANSWER 16 OF 75 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V. on STN
AN 2002201002 ESBIOBASE
TI The circadian regulatory proteins BMAL1 and cryptochromes are

substrates of casein kinase Iε
AU Eide, Erik J.; Vielhaber, Erica L.; Hinz, William A.; Virshup, David M.
CS Eide, Erik J.; Vielhaber, Erica L.; Hinz, William A.; Virshup, David M. (Department of Oncological Sciences, 2Huntsman Cancer Institute Center for Children, University of Utah School of Medicine, Salt Lake City, UT 84112 (US)); Virshup, David M. (Huntsman Cancer Institute, 2000 Circle of Hope, Salt Lake City, UT 84112-5550 (US))
EMAIL: david.virshup@hci.utah.edu
SO Journal of Biological Chemistry (10 May 2002) Volume 277, Number 19, pp. 17248-17254, 33 refs.
CODEN: JBCHA3 ISSN: 0021-9258
DOI: 10.1074/jbc.M111466200
CY United States of America
DT Journal; Article
LA English
SL English
ED Entered STN: 1 Feb 2009
Last updated on STN: 1 Feb 2009

L85 ANSWER 17 OF 75 HCAPLUS COPYRIGHT 2009 ACS on STN
TI Oscillatory mechanism of mammalian circadian rhythm
SO Tanpakushitsu Kakusan Koso (2002), 47(14), 1914-1923
CODEN: TAKKAJ; ISSN: 0039-9450
AU Nagai, Katsuya; Isojima, Yasushi; Okumura, Nobuaki
AN 2002:824521 HCAPLUS
DN 137:335384

L85 ANSWER 18 OF 75 MEDLINE on STN DUPLICATE 6
TI Control of intracellular dynamics of mammalian period proteins by casein kinase I epsilon (CKIepsilon) and CKIdelta in cultured cells.
SO Molecular and cellular biology, (2002 Mar) Vol. 22, No. 6, pp. 1693-703.
Journal code: 8109087. ISSN: 0270-7306.
Report No.: NLM-PMC135601.
AU Akashi Makoto; Tsuchiya Yoshiki; Yoshino Takao; Nishida Eisuke
AN 2002129621 MEDLINE

L85 ANSWER 19 OF 75 MEDLINE on STN DUPLICATE 7
TI Regulation of the Neurospora circadian clock by casein kinase II.
SO Genes & development, (2002 Apr 15) Vol. 16, No. 8, pp. 994-1006.
Journal code: 8711660. ISSN: 0890-9369.
Report No.: NLM-PMC152355.
AU Yang Yuhong; Cheng Ping; Liu Yi
AN 2002222772 MEDLINE

L85 ANSWER 20 OF 75 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V. on STN
AN 2002093592 ESBIOBASE
TI Regulation of the Neurospora circadian clock by casein kinase II
AU Yang, Yuhong; Cheng, Ping; Liu, Yi
CS Yang, Yuhong; Cheng, Ping; Liu, Yi (Department of Physiology, Univ. of Texas SW Medical Center, Dallas, TX 75390 (US))
SO Genes and Development (15 Apr 2002) Volume 16, Number 8, pp. 994-1006, 55 refs.
CODEN: GEDEEP ISSN: 0890-9369
DOI: 10.1101/gad.965102
CY United States of America
DT Journal; Article
LA English
SL English
ED Entered STN: 1 Feb 2009

Last updated on STN: 1 Feb 2009

L85 ANSWER 21 OF 75 BIOSIS COPYRIGHT (c) 2009 The Thomson Corporation on STN
TI Sequential multisite phosphorylation by casein kinase I epsilon (CKIepsilon).
SO FASEB Journal, (March 22, 2002) Vol. 16, No. 5, pp. A917. print.
Meeting Info.: Annual Meeting of Professional Research Scientists on Experimental Biology. New Orleans, Louisiana, USA. April 20-24, 2002.
CODEN: FAJOEC. ISSN: 0892-6638.
AU Toh, Kong Leong [Reprint author]; Thulin, Craig; Fu, Ying-Hui; Ptacek, Louis J.; Virshup, David M.
AN 2002:369813 BIOSIS

L85 ANSWER 22 OF 75 MEDLINE on STN DUPLICATE 8
TI A role for casein kinase 2alpha in the Drosophila circadian clock.
SO Nature, (Dec 19-26 2002) Vol. 420, No. 6917, pp. 816-20.
Journal code: 0410462. ISSN: 0028-0836.
AU Lin Jui-Ming; Kilman Valerie L; Keegan Kevin; Paddock Brie; Emery-Le Myai; Rosbash Michael; Allada Ravi
AN 2002728581 MEDLINE

L85 ANSWER 23 OF 75 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V. on STN
AN 2003004123 ESBIOBASE
TI A role for casein kinase 2α in the Drosophila circadian clock
AU Lin, Jul-Ming; Kilman, Valerie L.; Keegan, Kevin; Paddock, Brie; Allada, Ravi; Emery-Le, Myai; Rosbash, Michael
CS Lin, Jul-Ming; Kilman, Valerie L.; Keegan, Kevin; Paddock, Brie; Allada, Ravi (Department of Neurobiology, Northwestern University, Evanston, IL 60208 (US)); Allada, Ravi (Department of Pathology, Northwestern University, Evanston, IL 60208 (US)); Emery-Le, Myai; Rosbash, Michael (Howard Hughes Medical Institute, Brandeis University, Waltham, MA 02454 (US))
EMAIL: r-allada@northwestern.edu
SO Nature (26 Dec 2002) Volume 420, Number 6917, pp. 816-820, 28 refs.
CODEN: NATUAS ISSN: 0028-0836
DOI: 10.1038/nature01235
CY United Kingdom
DT Journal; Article
LA English
SL English
ED Entered STN: 2 Feb 2009
Last updated on STN: 2 Feb 2009

L85 ANSWER 24 OF 75 HCAPLUS COPYRIGHT 2009 ACS on STN
TI The Drosophila clock protein Timeless is a member of the Arm/HEAT family
SO Current Biology (2002), 12(18), R610-R611
CODEN: CUBLE2; ISSN: 0960-9822
AU Vodovar, Nicolas; Clayton, Jonathan D.; Costa, Rodolfo; Odell, Mark; Kyriacou, Charalambos P.
AN 2002:787894 HCAPLUS
DN 138:150375

L85 ANSWER 25 OF 75 BIOSIS COPYRIGHT (c) 2009 The Thomson Corporation on STN
TI No evidence for linkage or linkage disequilibrium to nine circadian clock genes in bipolar disorder.
SO American Journal of Human Genetics, (October, 2002) Vol. 71, No. 4 Supplement, pp. 487. print.

Meeting Info.: 52nd Annual Meeting of the American Society of Human Genetics. Baltimore, MD, USA. October 15-19, 2002. American Society of Human Genetics.
CODEN: AJHGAG. ISSN: 0002-9297.
AU Nievergelt, C. M. [Reprint author]; Kripke, D. F. [Reprint author]; Schork, N. J. [Reprint author]; Kelsoe, J. R. [Reprint author]
AN 2002:625018 BIOSIS

L85 ANSWER 26 OF 75 HCAPLUS COPYRIGHT 2009 ACS on STN
TI Two splice variants of Nopp140 in Drosophila melanogaster
SO Molecular Biology of the Cell (2002), 13(1), 362-381
CODEN: MBCEEV; ISSN: 1059-1524
AU Waggener, John M.; DiMario, Patrick J.
AN 2002:79425 HCAPLUS
DN 136:229625

L85 ANSWER 27 OF 75 MEDLINE on STN
TI A role for cryptochromes in sleep regulation.
SO BMC neuroscience, (2002 Dec 20) Vol. 3, pp. 20. Electronic Publication: 2002-12-20.
Journal code: 100966986. E-ISSN: 1471-2202.
Report No.: NLM-PMC149230.
AU Wisor Jonathan P; O'Hara Bruce F; Terao Akira; Selby Chris P; Kilduff Thomas S; Sancar Aziz; Edgar Dale M; Franken Paul
AN 2003149475 MEDLINE

L85 ANSWER 28 OF 75 HCAPLUS COPYRIGHT 2009 ACS on STN
TI Immortalized Suprachiasmatic Nucleus Cells Express Components of Multiple Circadian Regulatory Pathways
SO Biochemical and Biophysical Research Communications (2002), 292(1), 20-30
CODEN: BBRCA9; ISSN: 0006-291X
AU Hurst, William J.; Earnest, David; Gillette, Martha U.
AN 2002:178271 HCAPLUS
DN 137:198824

L85 ANSWER 29 OF 75 LIFESCI COPYRIGHT 2009 CSA on STN DUPLICATE 9
TI A role for cryptochromes in sleep regulation
SO BMC Neuroscience [Bmc Neurosci.], (20020000) vol. 3, [np].
ISSN: 1471-2202.
AU Wisor, Jonathan P; OHara, Bruce F; Terao, Akira; Selby, Chris P; Kilduff, Thomas S; Sancar, Aziz; Edgar, Dale M; Franken, Paul
AN 2005:55688 LIFESCI

L85 ANSWER 30 OF 75 MEDLINE on STN DUPLICATE 10
TI The Drosophila double-timeS mutation delays the nuclear accumulation of period protein and affects the feedback regulation of period mRNA.
SO The Journal of neuroscience : the official journal of the Society for Neuroscience, (2001 Sep 15) Vol. 21, No. 18, pp. 7117-26.
Journal code: 8102140. E-ISSN: 1529-2401.
AU Bao S; Rihel J; Bjes E; Fan J Y; Price J L
AN 2001500577 MEDLINE

L85 ANSWER 31 OF 75 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V. on STN
AN 2001208004 ESBIOBASE
TI The Drosophila double-time s mutation delays the nuclear accumulation of period protein and affects the feedback regulation of period mRNA
AU Bao, Shu; Rihel, Jason; Bjes, Ed; Fan, Jin-Yuan; Price, Jeffrey L.
CS Bao, Shu; Rihel, Jason (Department of Biology, West Virginia University, Morgantown, WV 26506 (US)); Rihel, Jason (Harvard University, Biolabs., 16 Divinity Avenue, Cambridge, MA 02138 (US)); Bjes, Ed; Fan, Jin-Yuan; Price, Jeffrey L. (Division of Molecular Biology and Biochemistry,

School of Biological Sciences, University of Missouri-Kansas City, Kansas City, MO 64110 (US))
EMAIL: pricejL@umkc.edu
SO Journal of Neuroscience (15 Sep 2001) Volume 21, Number 18, pp. 7117-7126, 46 refs.
CODEN: JNRSDS ISSN: 0270-6474
CY United States of America
DT Journal; Article
LA English
SL English
ED Entered STN: 1 Feb 2009
Last updated on STN: 1 Feb 2009

L85 ANSWER 32 OF 75 SCISEARCH COPYRIGHT (c) 2009 The Thomson Corporation on STN DUPLICATE 11
TI Phosphorylation of the G(q/11)-coupled M-3-muscarinic receptor is involved in receptor activation of the ERK-1/2 mitogen-activated protein kinase pathway
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (16 FEB 2001) Vol. 276, No. 7, pp. 4581-4587.
ISSN: 0021-9258.
AU Tobin A B (Reprint); Budd D C; Willars G B; McDonald J E
AN 2001:377953 SCISEARCH

L85 ANSWER 33 OF 75 HCAPLUS COPYRIGHT 2009 ACS on STN
TI Posttranslational mechanisms regulate the mammalian circadian clock
SO Cell (Cambridge, MA, United States) (2001), 107(7), 855-867
CODEN: CELLB5; ISSN: 0092-8674
AU Lee, Choogon; Etchegaray, Jean-Pierre; Cagampang, Felino R. A.; Loudon, Andrew S. I.; Reppert, Steven M.
AN 2002:33658 HCAPLUS
DN 136:229989

L85 ANSWER 34 OF 75 HCAPLUS COPYRIGHT 2009 ACS on STN
TI Constitutive expression and delayed light response of casein kinase Iε and Iδ mRNAs in the mouse suprachiasmatic nucleus
SO Journal of Neuroscience Research (2001), 64(6), 612-616
CODEN: JNREDK; ISSN: 0360-4012
AU Ishida, Yoshiki; Yagita, Kazuhiro; Fukuyama, Tsuyoshi; Nishimura, Masataka; Nagano, Mamoru; Shigeyoshi, Yasufumi; Yamaguchi, Shun; Komori, Takahide; Okamura, Hitoshi
AN 2001:447709 HCAPLUS
DN 135:135222

L85 ANSWER 35 OF 75 MEDLINE on STN DUPLICATE 12
TI Casein kinase I: another cog in the circadian clockworks.
SO Chronobiology international, (2001 May) Vol. 18, No. 3, pp. 389-98. Ref: 33
Journal code: 8501362. ISSN: 0742-0528.
AU Eide E J; Virshup D M
AN 2002025971 MEDLINE

L85 ANSWER 36 OF 75 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V. on STN
AN 2001164460 ESBIOBASE
TI Casein kinase I: Another cog in the circadian clockworks
AU Eide, E.J.; Virshup, D.M.
CS Eide, E.J.; Virshup, D.M. (Huntsman Cancer Institute, 2000 Circle of Hope, University of Utah, Salt Lake City, UT 84112 (US))
SO Chronobiology International (2001) Volume 18, Number 3, pp. 389-398, 33

refs.
CODEN: CHBIE4 ISSN: 0742-0528
DOI: 10.1081/CBI-100103963
CY United States of America
DT Journal; (Short Survey)
LA English
SL English
ED Entered STN: 1 Feb 2009
Last updated on STN: 1 Feb 2009

L85 ANSWER 37 OF 75 MEDLINE on STN DUPLICATE 13
TI Human casein kinase Idelta phosphorylation of human circadian clock proteins period 1 and 2.
SO FEBS letters, (2001 Feb 2) Vol. 489, No. 2-3, pp. 159-65.
Journal code: 0155157. ISSN: 0014-5793.
AU Camacho F; Cilio M; Guo Y; Virshup D M; Patel K; Khorkova O; Styren S; Morse B; Yao Z; Keesler G A
AN 2001151845 MEDLINE

L85 ANSWER 38 OF 75 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V. on STN
AN 2001036386 ESBIOBASE
TI Human casein kinase Iδ phosphorylation of human circadian clock proteins period 1 and 2
AU Camacho, F.; Cilio, M.; Guo, Y.; Virshup, D.M.; Patel, K.; Khorkova, O.; Styren, S.; Morse, B.; Yao, Z.; Keesler, G.A.
CS Camacho, F.; Cilio, M.; Guo, Y.; Virshup, D.M.; Patel, K.; Khorkova, O.; Styren, S.; Morse, B.; Yao, Z.; Keesler, G.A. (CNS Molecular Biology and Genomics, Cell Biology and Neuropathology, and Immunology, Aventis Pharmaceuticals Inc., Bridgewater, NJ 08807 (US)); Camacho, F.; Cilio, M.; Guo, Y.; Virshup, D.M.; Patel, K.; Khorkova, O.; Styren, S.; Morse, B.; Yao, Z.; Keesler, G.A. (Department of Oncological Science, University of Utah, Salt Lake City, UT 84132 (US))
EMAIL: george.keesler@aventis.com
SO FEBS Letters (2 Feb 2001) Volume 489, Number 2-3, pp. 159-165, 26 refs.
CODEN: FEBLAL ISSN: 0014-5793
DOI: 10.1016/S0014-5793(00)02434-0
PUI S0014579300024340
CY Netherlands
DT Journal; Article
LA English
SL English
ED Entered STN: 1 Feb 2009
Last updated on STN: 1 Feb 2009

L85 ANSWER 39 OF 75 HCAPLUS COPYRIGHT 2009 ACS on STN
TI Casein kinase I: from obscurity to center stage
SO IUBMB Life (2001), 51(2), 73-78
CODEN: IULIF8; ISSN: 1521-6543
AU Vielhaber, Erica; Virshup, David M.
AN 2001:522755 HCAPLUS
DN 135:163926

L85 ANSWER 40 OF 75 HCAPLUS COPYRIGHT 2009 ACS on STN
TI Catalytic Activity of Protein Kinase CK1δ (Casein Kinase 1δ) Is Essential for Its Normal Subcellular Localization
SO Experimental Cell Research (2001), 263(1), 43-54
CODEN: ECREAL; ISSN: 0014-4827
AU Milne, Diane M.; Looby, Paul; Meek, David W.
AN 2001:54084 HCAPLUS
DN 134:278412

L85 ANSWER 41 OF 75 HCAPLUS COPYRIGHT 2009 ACS on STN
TI The role of casein kinase Iε in regulating mammalian circadian rhythms
SO (2000) 153 pp. Avail.: UMI, Order No. DA9991374
From: Diss. Abstr. Int., B 2001, 61(10), 5162
AU Vielhaber, Erica Lynn
AN 2001:684880 HCAPLUS
DN 136:83251

L85 ANSWER 42 OF 75 MEDLINE on STN DUPLICATE 14
TI Two novel doubletime mutants alter circadian properties and eliminate the delay between RNA and protein in Drosophila.
SO The Journal of neuroscience : the official journal of the Society for Neuroscience, (2000 Oct 15) Vol. 20, No. 20, pp. 7547-55.
Journal code: 8102140. E-ISSN: 1529-2401.
AU Suri V; Hall J C; Rosbash M
AN 2001264998 MEDLINE

L85 ANSWER 43 OF 75 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V. on STN
AN 2000238336 ESBIOBASE
TI Two novel doubletime mutants alter circadian properties and eliminate the delay between RNA and protein in Drosophila
AU Suri, V.; Hall, J.C.; Rosbash, M.
CS Suri, V.; Hall, J.C.; Rosbash, M. (Natl. Sci. Found. Ctr. Biol. Timing, Brandeis University, 415 South Street, Waltham, MA 02454 (US))
SO Journal of Neuroscience (15 Oct 2000) Volume 20, Number 20, pp. 7547-7555, 50 refs.
CODEN: JNRSDS ISSN: 0270-6474
CY United States of America
DT Journal; Article
LA English
SL English
ED Entered STN: 31 Jan 2009
Last updated on STN: 31 Jan 2009

L85 ANSWER 44 OF 75 MEDLINE on STN DUPLICATE 15
TI Nuclear entry of the circadian regulator mPER1 is controlled by mammalian casein kinase I epsilon.
SO Molecular and cellular biology, (2000 Jul) Vol. 20, No. 13, pp. 4888-99.
Journal code: 8109087. ISSN: 0270-7306.
Report No.: NLM-PMC85940.
AU Vielhaber E; Eide E; Rivers A; Gao Z H; Virshup D M
AN 2000307892 MEDLINE

L85 ANSWER 45 OF 75 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V. on STN
AN 2000140303 ESBIOBASE
TI Nuclear entry of the circadian regulator MPER1 is controlled by mammalian casein kinase I ε
AU Vielhaber, Erica; Eide, Erik; Rivers, Ann; Gao, Zhong-Hua; Virshup, David M.
CS Vielhaber, Erica; Eide, Erik; Rivers, Ann; Gao, Zhong-Hua; Virshup, David M. (Department of Oncological Sciences, Huntsman Cancer Institute, University of Utah, Salt Lake City, UT (US)); Virshup, David M. (Division of Hematology/Oncology, Department of Pediatrics, University of Utah, Salt Lake City, UT (US)); Virshup, David M. (Department of Oncological Sciences, 5C334 School of Medicine, University of Utah, 50 N. Medical Dr., Salt Lake City, UT 84132 (US))
EMAIL: david.virshup@hci.utah.edu
SO Molecular and Cellular Biology (Jul 2000) Volume 20, Number 13, pp. 4888-4899, 62 refs.

CODEN: MCEBD4 ISSN: 0270-7306
DOI: 10.1128/MCB.20.13.4888-4899.2000
CY United States of America
DT Journal; Article
LA English
SL English
ED Entered STN: 31 Jan 2009
Last updated on STN: 31 Jan 2009

L85 ANSWER 46 OF 75 MEDLINE on STN DUPLICATE 16
TI Short-period mutations of per affect a double-time-dependent step in the Drosophila circadian clock.
SO Current biology : CB, (2000 Nov 2) Vol. 10, No. 21, pp. 1399-402. Journal code: 9107782. ISSN: 0960-9822.
AU Rothenfluh A; Abodeely M; Young M W
AN 2001113260 MEDLINE

L85 ANSWER 47 OF 75 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V. on STN
AN 2000266865 ESBIOBASE
TI Short-period mutations of per affect a double-time-dependent step in the Drosophila circadian clock
AU Rothenfluh, Adrian; Abodeely, Marla; Young, Michael W.
CS Rothenfluh, Adrian; Abodeely, Marla; Young, Michael W. (Laboratory of Genetics, National Science Foundation, Rockefeller University, 1230 York Avenue, New York, NY 10021 (US))
EMAIL: young@rockvax.rockefeller.edu
SO Current Biology (2 Nov 2000) Volume 10, Number 21, pp. 1399-1402, 19 refs.
CODEN: CUBLE2 ISSN: 0960-9822
DOI: 10.1016/S0960-9822(00)00786-7
CY United Kingdom
DT Journal; Article
LA English
SL English
ED Entered STN: 31 Jan 2009
Last updated on STN: 31 Jan 2009

L85 ANSWER 48 OF 75 MEDLINE on STN DUPLICATE 17
TI Positional syntenic cloning and functional characterization of the mammalian circadian mutation tau.
SO Science (New York, N.Y.), (2000 Apr 21) Vol. 288, No. 5465, pp. 483-92. Journal code: 0404511. ISSN: 0036-8075.
AU Lowrey P L; Shimomura K; Antoch M P; Yamazaki S; Zemenides P D; Ralph M R; Menaker M; Takahashi J S
AN 2000237939 MEDLINE

L85 ANSWER 49 OF 75 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V. on STN
AN 2000101257 ESBIOBASE
TI Positional syntenic cloning and functional characterization of the mammalian circadian mutation tau
AU Lowrey, Phillip L.; Shimomura, Kazuhiro; Antoch, Marina P.; Zemenides, Peter D.; Takahashi, Joseph S.; Yamazaki, Shin; Menaker, Michael; Ralph, Martin R.
CS Lowrey, Phillip L.; Shimomura, Kazuhiro; Antoch, Marina P.; Zemenides, Peter D.; Takahashi, Joseph S. (Dept. of Neurobiology and Physiology, Northwestern University, Evanston, IL 60208 (US)); Shimomura, Kazuhiro; Antoch, Marina P.; Takahashi, Joseph S. (Howard Hughes Medical Institute, Northwestern University, Evanston, IL 60208 (US)); Yamazaki, Shin; Menaker, Michael (Department of Biology, Natl. Sci. Found. Ctr. Biol. Timing, University of Virginia, Charlottesvilie,VA 22903 (US));

Ralph, Martin R. (Department of Psychology, University of Toronto, Toronto, Ont. M5S 3G3 (CA))
EMAIL: j-takahashi@northwestern.edu
SO Science (21 Apr 2000) Volume 288, Number 5465, pp. 483-491, 103 refs.
CODEN: SCIEAS ISSN: 0036-8075
DOI: 10.1126/science.288.5465.483
CY United States of America
DT Journal; Article
LA English
SL English
ED Entered STN: 31 Jan 2009
Last updated on STN: 31 Jan 2009

L85 ANSWER 50 OF 75 LIFESCI COPYRIGHT 2009 CSA on STN
TI Circadian rhythms: Marking time for a kingdom
SO Science (Washington) [Science (Wash.)], (20000421) vol. 288, no. 5465, pp. 451-453.
ISSN: 0036-8075.
AU Young, M.W.
AN 2000:49677 LIFESCI

L85 ANSWER 51 OF 75 HCAPLUS COPYRIGHT 2009 ACS on STN
TI Involvement of asparagine 118 in the nucleotide specificity of the catalytic subunit of protein kinase CK2
SO FEBS Letters (2000), 466(2,3), 363-366
CODEN: FEBLAL; ISSN: 0014-5793
AU Jacob, Germaine; Neckelman, Guy; Jimenez, Monica; Allende, Catherine C.; Allende, Jorge E.
AN 2000:134193 HCAPLUS
DN 132:177401

L85 ANSWER 52 OF 75 HCAPLUS COPYRIGHT 2009 ACS on STN
TI Cloning and characterization of rat casein kinase 1ε
SO FEBS Letters (2000), 477(1,2), 106-112
CODEN: FEBLAL; ISSN: 0014-5793
AU Takano, A.; Shimizu, K.; Kani, S.; Buijs, R. M.; Okada, M.; Nagai, K.
AN 2000:490450 HCAPLUS
DN 133:277978

L85 ANSWER 53 OF 75 BIOSIS COPYRIGHT (c) 2009 The Thomson Corporation on STN
TI Biochemical and genetic analyses of the role of yeast casein kinase 2 in salt tolerance.
SO Journal of Bacteriology, (Oct., 1999) Vol. 181, No. 20, pp. 6456-6462. print.
CODEN: JOBAAY. ISSN: 0021-9193.
AU de Nadal, Eulalia; Calero, Fernando; Ramos, Jose; Arino, Joaquin [Reprint author]
AN 2000:103316 BIOSIS

L85 ANSWER 54 OF 75 HCAPLUS COPYRIGHT 2009 ACS on STN
TI The Npc1 mutation causes an altered expression of caveolin-1, annexin II and protein kinases and phosphorylation of caveolin-1 and annexin II in murine livers
SO Biochimica et Biophysica Acta, Molecular Basis of Disease (1999), 1453(2), 193-206
CODEN: BBADEX; ISSN: 0925-4439
AU Garver, W. S.; Hossain, G. S.; Winscott, M. M.; Heidenreich, R. A.
AN 1999:141390 HCAPLUS
DN 130:323931

L85 ANSWER 55 OF 75 LIFESCI COPYRIGHT 2009 CSA on STN

TI Structural interpretation of site-directed mutagenesis and specificity of the catalytic subunit of protein kinase CK2 using comparative modelling
SO Protein Engineering, (19990200) vol. 12, no. 2, 119.
ISSN: 0269-2139.
AU Srinivasan, N; Antonelli, M; Jacob, G; Korn, I; Romero, F; Jedlicki, A; Dhanaraj, V; Sayed, MFR; Blundell, TL; Allende, CC; Allende, JE
AN 2008:68666 LIFESCI

L85 ANSWER 56 OF 75 MEDLINE on STN DUPLICATE 18
TI The Kluyveromyces lactis equivalent of casein kinase I is required for the transcription of the gene encoding the low-affinity glucose permease.
SO Molecular & general genetics : MGG, (1997 Jan 27) Vol. 253, No. 4, pp. 469-77.
Journal code: 0125036. ISSN: 0026-8925.
AU Blaisonneau J; Fukuhara H; Wesolowski-Louvel M
AN 1997188522 MEDLINE

L85 ANSWER 57 OF 75 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V. on STN
AN 1997042239 ESBIOBASE
TI The Kluyveromyces lactis equivalent of casein kinase I is required for the transcription of the gene encoding the low-affinity glucose permease
AU Blaisonneau, J.; Fukuhara, H.; Wesolowski-Louvel, M.
CS Blaisonneau, J.; Fukuhara, H. (Institut Curie, Section de Biologie, Centre Universitaire, F-91405 Orsay Cedex (FR)); Wesolowski-Louvel, M. (Ctr. de Genet. Cell. et Molec., Universite Claude Bernard, Batiment 405, 43, Boulevard du 11 Novembre 1918, F-69622 Villeurbanne Cedex (FR))
SO Molecular and General Genetics (1997) Volume 253, Number 4, pp. 469-477, 40 refs.
CODEN: MGGEAE ISSN: 0026-8925
DOI: 10.1007/s004380050345
CY Germany
DT Journal; Article
LA English
SL English
ED Entered STN: 31 Jan 2009
Last updated on STN: 31 Jan 2009

L85 ANSWER 58 OF 75 HCAPLUS COPYRIGHT 2009 ACS on STN
TI Prenylated isoforms of yeast casein kinase I, including the novel Yck3p, suppress the gcs1 blockage of cell proliferation from stationary phase
SO Molecular and Cellular Biology (1996), 16(10), 5375-5385
CODEN: MCEBD4; ISSN: 0270-7306
AU Wang, Xiangmin; Hoekstra, Merl F.; DeMaggio, Anthony J.; Dhillon, Namrita; Vancura, Ales; Kuret, Jeff; Johnston, Gerald C.; Singer, Richard A.
AN 1996:592562 HCAPLUS
DN 125:242757
OREF 125:45249a,45252a

L85 ANSWER 59 OF 75 LIFESCI COPYRIGHT 2009 CSA on STN DUPLICATE 19
TI Phosphorylation of I Kappa B alpha in the C-terminal PEST domain by casein kinase II affects intrinsic protein stability
SO MOL. CELL. BIOL., (1996) vol. 16, no. 4, pp. 1401-1409.
ISSN: 0270-7306.
AU Lin, Rongtuan; Beauparlant, P.; Makris, C.; Meloche, S.; Hiscott, J.*
AN 96:65598 LIFESCI

L85 ANSWER 60 OF 75 HCAPLUS COPYRIGHT 2009 ACS on STN
TI Protein kinases of the casein kinase I HRR25 family and their DNA sequence and antibodies
SO PCT Int. Appl., 125 pp.
CODEN: PIXXD2

IN Hoekstra, Merl F.
AN 1995:835669 HCAPLUS
DN 123:221796
OREF 123:39395a,39398a

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 9519993	A1	19950727	WO 1995-US955	19950123
W: CA, JP				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
US 6060296	A	20000509	US 1994-185359	19940121
EP 690876	A1	19960110	EP 1995-909318	19950123
EP 690876	B1	19990623		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
JP 08509504	T	19961008	JP 1995-519735	19950123
JP 3091769	B2	20000925		

L85 ANSWER 61 OF 75 HCAPLUS COPYRIGHT 2009 ACS on STN
TI Site-directed mutants of the β subunit of protein kinase CK2 demonstrate the important role of Pro-58
SO FEBS Letters (1995), 368(2), 211-14
CODEN: FEBLAL; ISSN: 0014-5793
AU Hinrichs, Maria Victoria; Gatica, Marta; Allende, Catherine C.; Allende, Jorge E.
AN 1995:714786 HCAPLUS
DN 123:137266
OREF 123:24300h,24301a

L85 ANSWER 62 OF 75 SCISEARCH COPYRIGHT (c) 2009 The Thomson Corporation on STN DUPLICATE 20
TI EFFECTS OF AUTOPHOSPHORYLATION ON CASEIN KINASE-II ACTIVITY - EVIDENCE FROM MUTATIONS IN THE BETA-SUBUNIT
SO BIOCHEMISTRY, (7 JUN 1994) Vol. 33, No. 22, pp. 6998-7004. ISSN: 0006-2960.
AU LIN W J (Reprint); SHEU G T; TRAUGH J A
AN 1994:359956 SCISEARCH

L85 ANSWER 63 OF 75 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V. on STN
AN 1994115670 ESBIOBASE
TI Effects of autophosphorylation on casein kinase II activity: Evidence from mutations in the β subunit
AU Lin, W.-J.; Sheu, G.-T.; Traugh, J.A.
CS Lin, W.-J.; Sheu, G.-T.; Traugh, J.A. (Department of Biochemistry, University of California, Riverside, CA 92521 (US))
SO Biochemistry (1994) Volume 33, Number 22, pp. 6998-7004
CODEN: BICHAW ISSN: 0006-2960
DOI: 10.1021/bi00188a032
CY United States of America
DT Journal; Article
LA English
SL English
ED Entered STN: 30 Jan 2009
Last updated on STN: 30 Jan 2009

L85 ANSWER 64 OF 75 MEDLINE on STN DUPLICATE 21
TI Casein kinase II mediates multiple phosphorylation of Saccharomyces cerevisiae eIF-2 alpha (encoded by SUI2), which is required for optimal eIF-2 function in S. cerevisiae.
SO Molecular and cellular biology, (1994 Aug) Vol. 14, No. 8, pp. 5139-53.
Journal code: 8109087. ISSN: 0270-7306.
Report No.: NLM-PMC359033.
AU Feng L; Yoon H; Donahue T F

AN 1994309634 MEDLINE

L85 ANSWER 65 OF 75 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V. on STN
AN 1994130612 ESBIOBASE
TI Casein kinase II mediates multiple phosphorylation of Saccharomyces cerevisiae eIF-2α (encoded by SUI2), which is required for optimal eIF-2 function in S. cerevisiae
AU Feng, Lan; Yoon, Heejeong; Donahue, Thomas F.
CS Feng, Lan; Yoon, Heejeong; Donahue, Thomas F. (Department of Biology, Indiana University, Bloomington, IN 47405 (US))
SO Molecular and Cellular Biology (Aug 1994) Volume 14, Number 8, pp. 5139-5153, 67 refs.
CODEN: MCEBD4 ISSN: 0270-7306
CY United States of America
DT Journal; Article
LA English
SL English
ED Entered STN: 30 Jan 2009
Last updated on STN: 30 Jan 2009

L85 ANSWER 66 OF 75 MEDLINE on STN DUPLICATE 22
TI Efficient autophosphorylation and phosphorylation of the beta-subunit by casein kinase-2 require the integrity of an acidic cluster 50 residues downstream from the phosphoacceptor site.
SO The Journal of biological chemistry, (1994 Feb 18) Vol. 269, No. 7, pp. 4827-31.
Journal code: 2985121R. ISSN: 0021-9258.
AU Boldyreff B; Meggio F; Pinna L A; Issinger O G
AN 1994148927 MEDLINE

L85 ANSWER 67 OF 75 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V. on STN
AN 1994058477 ESBIOBASE
TI Efficient autophosphorylation and phosphorylation of the β-subunit by casein kinase-2 require the integrity of an acidic cluster 50 residues downstream from the phosphoacceptor site
AU Boldyreff, Brigitte; Issinger, Olaf-Georg; Meggio, Flavio; Pinna, Lorenzo A.
CS Boldyreff, Brigitte; Issinger, Olaf-Georg (Institute for Human Genetics, University of Saarland, D-66421 Homburg / Saar (DE)); Issinger, Olaf-Georg (Inst. fur Humangenetik, Universitat des Saarlandes, D-66421 Homburg/Saar (DE)); Meggio, Flavio; Pinna, Lorenzo A. (Department of Biological Chemistry, University of Padova, I-35121 Padova (IT))
EMAIL: ogi@rz.uni-sb.de
SO Journal of Biological Chemistry (18 Feb 1994) Volume 269, Number 7, pp. 4827-4831, 18 refs.
CODEN: JBCHA3 ISSN: 0021-9258
CY United States of America
DT Journal; Article
LA English
SL English
ED Entered STN: 30 Jan 2009
Last updated on STN: 30 Jan 2009

L85 ANSWER 68 OF 75 HCAPLUS COPYRIGHT 2009 ACS on STN
TI Isolation of an Arabidopsis thaliana casein kinase II β subunit by complementation in Saccharomyces cerevisiae
SO Plant Molecular Biology (1994), 25(4), 649-58
CODEN: PMBIDB; ISSN: 0167-4412
AU Collinge, Margaret A.; Walker, John C.
AN 1994:647714 HCAPLUS

DN 121:247714
OREF 121:45059a,45062a

L85 ANSWER 69 OF 75 MEDLINE on STN DUPLICATE 23
TI Reconstitution of normal and hyperactivated forms of casein kinase-2 by variably mutated beta-subunits.
SO Biochemistry, (1993 Nov 30) Vol. 32, No. 47, pp. 12672-7.
Journal code: 0370623. ISSN: 0006-2960.
AU Boldyreff B; Meggio F; Pinna L A; Issinger O G
AN 1994072562 MEDLINE

L85 ANSWER 70 OF 75 Elsevier Biobase COPYRIGHT 2009 Elsevier Science B.V. on STN
AN 1994029541 ESBIOBASE
TI Reconstitution of normal and hyperactivated forms of casein kinase-2 by variably mutated β-subunits
AU Boldyreff, B.; Meggio, F.; Pinna, L.A.; Issinger, O.-G.
CS Boldyreff, B.; Meggio, F.; Pinna, L.A.; Issinger, O.-G. (Institut fur Humangenetik, Universitat des Saarlandes, D-66421 Homburg (DE))
SO Biochemistry (1993) Volume 32, Number 47, pp. 12672-12677
CODEN: BICHAW ISSN: 0006-2960
DOI: 10.1021/bi00210a016
CY United States of America
DT Journal; Article
LA English
SL English
ED Entered STN: 30 Jan 2009
Last updated on STN: 30 Jan 2009

L85 ANSWER 71 OF 75 MEDLINE on STN DUPLICATE 24
TI The autophosphorylation and p34cdc2 phosphorylation sites of casein kinase-2 beta-subunit are not essential for reconstituting the fully-active heterotetrameric holoenzyme.
SO Biochimica et biophysica acta, (1993 Jul 10) Vol. 1164, No. 2, pp. 223-5.
Journal code: 0217513. ISSN: 0006-3002.
AU Meggio F; Boldyreff B; Issinger O G; Pinna L A
AN 1993320114 MEDLINE

L85 ANSWER 72 OF 75 HCAPLUS COPYRIGHT 2009 ACS on STN
TI Purification and characterization of casein kinase II (CKII) from . DELTA.cka1 Δ cka2 Saccharomyces cerevisiae rescued by Drosophila CKII subunits. The free catalytic subunit of casein kinase II is not toxic in vivo
SO Journal of Biological Chemistry (1992), 267(26), 18790-6
CODEN: JBCHA3; ISSN: 0021-9258
AU Bidwai, Ashok P.; Hanna, David E.; Glover, Claiborne V. C.
AN 1992:506963 HCAPLUS
DN 117:106963
OREF 117:18537a,18540a

L85 ANSWER 73 OF 75 MEDLINE on STN DUPLICATE 25
TI Phosphorylation of delta sleep-inducing peptide (DSIP) by casein kinase II in vitro.
SO Peptides, (1991 Nov-Dec) Vol. 12, No. 6, pp. 1375-7.
Journal code: 8008690. ISSN: 0196-9781.
AU Nakamura A; Shiomi H
AN 1992270491 MEDLINE

L85 ANSWER 74 OF 75 BIOSIS COPYRIGHT (c) 2009 The Thomson Corporation on STN
TI PHOSPHORYLATION OF DELTA-SLEEP-INDUCING PEPTIDE DSIP BY CASEIN KINASE II IN-VITRO.

SO Japanese Journal of Pharmacology, (1991) Vol. 55, No. SUPPL. 1, pp. 115P.
Meeting Info.: 64TH ANNUAL MEETING OF THE JAPANESE PHARMACOLOGICAL SOCIETY, KOBE, JAPAN, MARCH 24-27, 1991. JPN J PHARMACOL.
CODEN: JJPAAZ. ISSN: 0021-5198.
AU NAKAMURA A [Reprint author]; SHIOMI H
AN 1991:382024 BIOSIS

L85 ANSWER 75 OF 75 HCAPLUS COPYRIGHT 2009 ACS on STN
TI Inhibition of casein kinase I ε/δ
produces phase shifts in the circadian rhythms of Cynomolgus monkeys
SO Psychopharmacology (Berlin, Germany) No pp. yet given
CODEN: PSCHDL; ISSN: 0033-3158
AU Sprouse, Jeffrey; Reynolds, Linda; Swanson, Terri A.; Engwall, Michael
AN 2009:286647 HCAPLUS

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